

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	("video frame" and (("interactive program guide" or ipg or (interactive near2 (program near2 (guide schedule list\$3 menu)))) and encoded and "user interface" and (background near2 imagery) and (video near2 sequence) and (frame near3 frame)).clm.	US-PGPUB	OR	OFF	2006/04/03 12:21
L2	0	("video frame" and (("interactive program guide" or ipg or (interactive near2 (program near2 (guide schedule list\$3 menu)))) and encoded and "user interface" and (background near2 imagery) and (video near2 sequence) ). clm.	US-PGPUB	OR	OFF	2006/04/03 12:22

Interference search printout.

Am

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		("4290063"   "4437093"   "4496976"   "4520356"   "RE32187"   "4600921"   "4633297"   "4706121"   "4712239"   "4734764"   "4739318"   "4742344"   "4745468"   "4751578"   "4792848"   "4792849"   "4829372"   "4829569"   "4847825"   "4860123"   "4866770"   "4876592"   "4885775"   "4890321"   "4905094"   "4908713"   "4926255"   "4941040"   "4963994"   "4977455"   "4991011"   "4994908"   "5014125"   "5034807"   "5038211"   "5057915"   "5058160"   "5109279"   "5113496"   "5119188"   "5123046"   "5128752"   "5146210"   "5151789"   "5191410"   "5195092"   "5208665"   "5227874"   "5231665"   "5239540"   "5247364"   "5249044"   "5260778"   "5270809"   "5283734"   "5293357"   "5297204"   "5301028"   "5303295"   "5307173"   "5319454"   "5319707"   "5335079"   "5353121"   "5365282"   "5373330"   "5382983"   "5400401"   "5406558"   "5414448"   "5414756"   "5420647"   "5422674"   "5428404"   "5438370"   "5440632"   "5473609"   "5473704"   "5475382"   "5477262"   "5479266"   "5479268"   "5485221"   "5488409"   "5493339"   "5502504"   "5508815"   "5515173"   "5523794"   "5523796"   "5532732"   "5532754"   "5539391"   "5539822"   "5543852"   "5550576"   "5552837"   "5553123"   "5559550"   "5559870"   "5568272"   "5579055"   "5579057"   "5581614"   "5592551"   "5600378"   "5600711"   "5604528"   "5619247"   "5619274"   "5619383"   "5621579"   "5625406"   "5630119"   "5644354"   "5659367"   "5673089"   "5675575"   "5684525"   "5692214"   "5701383"   "5710601"   "5715515"   "5716273"   "5724203"   "5724525"   "5727060"   "5731844"   "5751282"   "5754940"   "5757416"   "5764739"   "5771064"   "5790198"   "5790806"   "5801753"   "5801787"   "5805204"   "5808608"   "5809204"   "5812205"   "5828420"   "5828945"   "RE35954"   "5844620"   "5850218"   "5852478"   "5854840"   "5870150"   "5870474"   "5880768"   "5915068"   "5949476"   "5978043"   "6141448") .PN	USPAT	OR	OFF	2002/11/20 12:46
S1	152	725/59-61.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/10 19:34

## EAST Search History

S2	510	725/91,103,114,138,144.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/10 18:19
S3	1	"6415437".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/10 18:19
S4	17	("5422674"   "5473609"   "5515106"   "5625405"   "5633810"   "5652614"   "5724543"   "5732217"   "5745710"   "5768551"   "5801753"   "5812754"   "5818439"   "5826110"   "5917830"   "6005562"   "6147714").PN.	USPAT	OR	OFF	2002/07/10 18:20
S5	17	725/59-61.ccls. and (video near2 frame\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/10 19:43
S6	12	(725/59-61.ccls. and (video near2 frame\$1)) and (@ad<="19980723" or @rlad<="19989723")	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/11 11:22
S7	457	((epg or ipg) or ((program or schedule or menu or user) near2 (guide or listing or menu or data or interface)))) and "725"/\$.ccls. and (video near2 frame\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/10 19:56
S8	4	((epg or ipg) or ((program or schedule or menu or user) near2 (guide or listing or menu or data or interface)))) and "725"/\$.ccls. and ((video near2 frame\$1)same background same digital)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/10 19:54
S9	7	((epg or ipg) or ((program or schedule or menu or user) near2 (guide or listing or menu or data or interface)))) and "725"/\$.ccls. and (video near2 frame\$1)same encod\$3 same digital and bit\$1stream\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/20 11:36
S10	6841	tanigawa.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/10 20:40
S11	32	tanigawa.inv. and (transmitting and receiving)and background	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/10 20:42
S12	11	tanigawa.inv. and (transmitting and receiving)and background and digital	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/10 20:49

## EAST Search History

S13	2	("5555380"   "5557728").PN.	USPAT	OR	OFF	2002/07/10 20:45
S14	2	"6253375".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/11 09:18
S15	29	("4430731"   "4509073"   "4573072"   "4602279"   "4623920"   "4763317"   "4769833"   "4792849"   "5014125"   "5070400"   "5165091"   "5172413"   "5181106"   "5182640"   "5235619"   "5247347"   "5303229"   "5357276"   "5359601"   "5400402"   "5414455"   "5481542"   "5485197"   "5530754"   "5550576"   "5583560"   "5586264"   "5671217"   "5768539").PN.	USPAT	OR	OFF	2002/07/11 09:18
S16	172917	((epg or ipg) or ((program or schedule or menu or user) near2 (guide or listing or menu or data or interface)))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/11 09:27
S17	2	"6208335".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/11 09:29
S18	37	("4706121"   "4751578"   "4860123"   "4885775"   "4908713"   "4991011"   "5038211"   "5070400"   "5151789"   "5182640"   "5307173"   "5357276"   "5359601"   "5400402"   "5410367"   "5477262"   "5479266"   "5479268"   "5485197"   "5508815"   "5515106"   "5530754"   "5532754"   "5550576"   "5568272"   "5585838"   "5585866"   "5594509"   "5596373"   "5619249"   "5625406"   "5644354"   "5710601"   "5903816"   "5966162"   "5987245"   "6002394").PN.	USPAT	OR	OFF	2002/07/11 09:30
S19	58	((epg or ipg) or ((program or schedule or menu or user) near2 (guide or listing or menu or data or interface)))) and "725"/\$.ccls. and (video near2 frame\$1)same encod\$3 same digital	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/11 11:17
S20	49	(((((epg or ipg) or ((program or schedule or menu or user) near2 (guide or listing or menu or data or interface)))) and "725"/\$.ccls. and (video near2 frame\$1)same encod\$3 same digital ) and (@ad<="19980723" or @riad<="19989723"))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/20 11:37
S21	1	"6147714".pn. and (stream\$1 with \$1id)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/11 15:52

## EAST Search History

S22	1	"6147714".pn. and (private or key)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/11 14:56
S23	1	"6147714".pn. and MPEG	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/11 14:58
S24	112	MPEG-2 with (advantage\$1 or benefit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/11 15:28
S25	84	(MPEG-2 with (advantage\$1 or benefit\$4)) and stream\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/11 15:00
S26	5	(MPEG-2 near2 encoder\$1) with (advantage\$1 or benefit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/11 15:29
S27	1	"6147714".pn. and packet\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/11 15:56
S28	1	"6147714".pn. and MPEG2	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/11 16:45
S29	3	"5623308".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/11 18:53
S30	107	knee .inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/11 18:53
S31	2	knee .inv. and (epg or ipg)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/07/11 19:01
S32	6	("5790172" or "5838383" or "6160545" or "5844620" or "5966120" or "5719646").pn.	USPAT	OR	OFF	2002/07/11 19:02

## EAST Search History

S33	13880	fujio.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/07 09:42
S34	147266	richard.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/07 09:43
S35	142794	peter.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/07 09:43
S36	3	fujio.inv. and richard.inv. and peter.inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/07 10:05
S37	28	("4751578"   "4855833"   "5040067"   "5223294"   "5223924"   "5253066"   "5315392"   "5317403"   "5323234"   "5353121"   "5416508"   "5436676"   "5465113"   "5502504"   "5512955"   "5523796"   "5528304"   "5532753"   "5532754"   "5559550"   "5585866"   "5589892"   "5594509"   "5596373"   "5619249"   "5621456"   "5671411"   "5828420").PN.	USPAT	OR	OFF	2002/11/07 09:44
S38	13	"5828420".URPN.	USPAT	OR	OFF	2002/11/07 09:55
S39	2	"6253375".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/07 10:06
S40	2	"6208335".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/07 13:40
S41	2	"6415437".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/07 13:40

## EAST Search History

S42	15	("4290063" "4437093" "4496976" "4520356" "4600921" "4633297" "4706121" "4712239" "4734764" "4739318" "4742344" "4745468" "4751578" "4792848" "4792849" "4829372" "4829569" "4847825" "4860123" "4866770" "4876592" "4885775" "4890321" "4905094" "4908713" "4926255" "4941040" "4963994" "4977455" "4991011" "4994908" "5014125" "5034807" "5038211" "5057915" "5058160" "5109279" "5113496" "5119188" "5123046" "5128752" "5146210" "5151789" "5191410" "5195092" "5208665" "5227874" "5231665" "5239540" "5247364" "5249044" "5260778" "5270809" "5283734" "5293357" "5297204" "5301028" "5303295" "5307173" "5319454" "5319707" "5335079" "5353121" "5365282" "5373330" "5382983" "5400401" "5406558" "5414448" "5414756" "5420647" "5422674" "5428404" "5438370" "5440632" "5473609" "5473704" "5475382" "5477262" "5479266" "5479268" "5485221" "5488409" "5493339" "5502504" "5508815" "5515173" "5523794" "5523796" "5532732" "5532754" "5539391" "5539822" "5543852" "5550576" "5552837" "5553123" "5559550" "5559870" "5568272" "5579055" "5579057" "5581614" "5592551" "5600378" "5600711" "5604528" "5619247" "5619274" "5619383" "5621579" "5630119" "5644354" "5659367" "5673089" "5675575" "5684525" "5692214" "5701383" "5710601" "5715515" "5716273" "5724203" "5724525" "5727060" "5731844" "5751282" "5754940" "5757416" "5764739" "5771064" "5790198" "5790806" "5801753" "5801787" "5805204" "5808608" "5809204" "5812205" "5828420" "5828945" "5844620" "5850218" "5852478" "5854840" "5870150" "5870474" "5880768" "5915068" "5949476" "4706121" Re32187 Re "35954").pn.) and ((video near2 frame\$1)same interactive)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/07 14:46
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## EAST Search History

S43	290	( "4290063" "4437093" "4496976" "4520356" "4600921" "4633297" "4706121" "4712239" "4734764" "4739318" "4742344" "4745468" "4751578" "4792848" "4792849" "4829372" "4829569" "4847825" "4860123" "4866770" "4876592" "4885775" "4890321" "4905094" "4908713" "4926255" "4941040" "4963994" "4977455" "4991011" "4994908" "5014125" "5034807" "5038211" "5057915" "5058160" "5109279" "5113496" "5119188" "5123046" "5128752" "5146210" "5151789" "5191410" "5195092" "5208665" "5227874" "5231665" "5239540" "5247364" "5249044" "5260778" "5270809" "5283734" "5293357" "5297204" "5301028" "5303295" "5307173" "5319454" "5319707" "5335079" "5353121" "5365282" "5373330" "5382983" "5400401" "5406558" "5414448" "5414756" "5420647" "5422674" "5428404" "5438370" "5440632" "5473609" "5473704" "5475382" "5477262" "5479266" "5479268" "5485221" "5488409" "5493339" "5502504" "5508815" "5515173" "5523794" "5523796" "5532732" "5532754" "5539391" "5539822" "5543852" "5550576" "5552837" "5553123" "5559550" "5559870" "5568272" "5579055" "5579057" "5581614" "5592551" "5600378" "5600711" "5604528" "5619247" "5619274" "5619383" "5621579" "5630119" "5644354" "5659367" "5673089" "5675575" "5684525" "5692214" "5701383" "5710601" "5715515" "5716273" "5724203" "5724525" "5727060" "5731844" "5751282" "5754940" "5757416" "5764739" "5771064" "5790198" "5790806" "5801753" "5801787" "5805204" "5808608" "5809204" "5812205" "5828420" "5828945" "5844620" "5850218" "5852478" "5854840" "5870150" "5870474" "5880768" "5915068" "5949476" "4706121" Re32187 Re "35954").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/07 15:55
S44	1	"6460018".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/07 16:00
S45	0	"6460018".pn. and (epg or ipg)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/07 16:12
S46	2	"6415437".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/07 17:42



## EAST Search History

S47	17	("5422674"   "5473609"   "5515106"   "5625405"   "5633810"   "5652614"   "5724543"   "5732217"   "5745710"   "5768551"   "5801753"   "5812754"   "5818439"   "5826110"   "5917830"   "6005562"   "6147714").PN.	USPAT	OR	OFF	2002/11/07 16:12
S48	2	"6209129".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/07 17:43
S49	0	"6209129".URPN.	USPAT	OR	OFF	2002/11/07 17:43
S50	38	725/54.ccls.	USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/20 11:36
S51	36	((epg or ipg) or ((program or schedule or menu or user) near2 (guide or listing or menu or data or interface)))and 725/54.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/20 11:37
S52	32	((epg or ipg) or ((program or schedule or menu or user) near2 (guide or listing or menu or data or interface)))and 725/54.ccls.) and (@ad<="19980723" or @rlad<="19989723")	USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/20 12:19
S53	45	725/41.ccls.	USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2002/11/20 12:19
S54	0	diva.as. and huynh.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/22 19:31
S55	7	gordon.in. and huynh.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/22 20:06
S56	2	"20050028208".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/22 20:07
S57	0	vivek.xp. and "huynh.xa"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/22 20:07
S58	159	vivek.xp.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/22 20:08

## EAST Search History

S59	5	vivek.xp. and huynh.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/22 20:08
S60	13	"United video properties".as. and mood	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/28 20:04
S61	2	"6177931".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/28 22:13
S62	53	"United video properties".as. and overlaid	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/28 20:38
S63	12	guo.in. and IPG	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/28 20:39
S64	4756	terasawa.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/28 20:39
S65	6	terasawa.in. and EPG	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/28 20:39
S66	2	"5737029".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/28 22:17
S77	2	Alten.in. and music	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/29 10:39
S78	13	"6064376"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/29 10:39
S79	2	"6064376".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/29 11:31

## EAST Search History

S80	5	huynh.xa. and "725"/\$.ccls. and multiplexer	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/29 11:31
S81	24	huynh.xa. and "725"/\$.ccls. and multiplex\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/03/29 11:31
S82	10	("5519780"   "5600378"   "5600573"   "5659350"   "5844620"   "6111612"   "6147714"   "6191782"   "6219358"   "6389593").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 11:37
S83	28	bui.xa. and multiplex\$3 and "725"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 15:02
S84	2	"fine granularity scalability".ti. and Li.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/29 15:13
S85	26	"fine granularity scalability".ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/29 15:16
S86	847	(base near2 layer\$1) same (enhancement near2 layer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/29 15:17
S87	545	(base near2 layer\$1) same (enhancement near2 layer\$1) same encod\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/29 15:17
S88	123	(base near2 layer\$1) same (enhancement near2 layer\$1) same encod\$3 same error\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/29 15:17
S89	134	(base near2 layer\$1) same (enhancement near2 layer\$1) same encod\$3 same (corrupt\$4 error\$3 miss\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/29 15:23
S90	141	(base near2 layer\$1) same (enhancement near2 layer\$1) same encod\$3 same bandwidth	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/30 10:42

## EAST Search History

S91	29	(base near2 layer\$1) same (enhancement near2 layer\$1) same encod\$3 same (corrupt\$4 error\$3 miss\$3) same (bandwidth capability)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/29 15:23
S92	15	725/39.ccls. and (encod\$4 same bitstream same video)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/30 12:00